

Spearfish, SD

Latitude	44 31 N
Longitude	103 52 W
Elevation	3640
Station Record Begins	01/01/1893

30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	40.2	19.0	29.6	0.51	
February	41.0	20.0	30.5	0.71	
March	49.0	27.1	38.1	1.18	
April	58.7	36.4	47.6	2.47	
May	68.6	46.5	57.6	3.88	
June	78.5	55.3	66.9	3.65	
July	87.5	62.5	75.0	2.21	
August	86.7	60.4	73.6	1.64	
September	75.8	50.0	62.9	1.78	
October	61.4	38.9	50.1	2.05	
November	48.6	28.0	38.3	1.19	
December	40.0	18.9	29.4	0.61	
Annual	61.4	38.7	50.1	21.88	

January

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	40.2	2006	9.2	1930
2	36.4	1986	9.3	1979
3	36.0	1990	9.9	1949
4	36.0	1919	10.9	1929
5	35.1	1953	11.4	1950
6	34.8	1931	12.4	1978
7	34.8	1921	12.8	1982
8	34.4	1958	15.4	1943
9	34.0	1914	16.6	1996
10	33.4	2012	16.9	1907

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	3.79	1949	1.88	01/27/1944
2	2.37	1944	1.50	01/16/1987
3	2.25	1897	0.77	01/31/1979
4	1.69	1996	0.75	01/06/2010
5	1.62	1905	0.75	01/20/1906
6	1.54	1975	0.70	01/21/1986
7	1.53	1929	0.69	01/04/1996
8	1.50	1895	0.65	01/31/1971
9	1.49	1971	0.55	01/28/2000
10	1.36	1994	0.50	01/23/1948

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	38.8	1944	33.8	01/27/1944
2	23.5	1915	11.0	01/31/1971
3	22.9	1963	10.0	01/03/1926
4	22.3	1971	8.0	01/20/1906
5	20.4	1996	7.6	01/25/1946
6	20.1	2011	7.0	01/24/1988
7	20.0	1975	6.7	01/04/1997
8	20.0	1926	6.7	01/21/1986
9	18.0	1905	6.0	01/06/2010
10	16.3	1994	6.0	01/01/1976

Snowfall

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	50.1	1910	21.1	1965
2	48.0	2012	21.7	1912
3	46.0	2007	22.9	1944
4	44.9	1918	24.5	2002
5	43.7	1986	24.5	1913
6	42.0	2004	24.5	1951
7	41.3	2010	25.0	1915
8	41.3	1992	25.4	1996
9	41.0	1905	25.9	1924
10	40.5	2005	26.7	1952

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	7.40	1894	5.00	03/22/1894
2	5.88	1950	3.80	03/27/1950
3	4.40	1973	3.29	03/14/1973
4	4.37	1933	2.63	03/30/1977
5	4.29	1977	2.60	03/14/1929
6	4.11	1966	2.50	03/04/1933
7	3.98	1903	2.00	03/11/1988
8	3.35	1987	2.00	03/19/1903
9	3.34	2014	2.00	03/31/1897
10	3.24	2009	1.82	03/03/1966

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	52.0	2009	26.0	03/30/1977
2	50.2	1977	25.0	03/20/2009
3	40.0	1966	24.0	03/14/1973
4	38.8	1973	24.0	03/19/1903
5	33.0	1975	20.0	03/11/1988
6	32.3	1946	20.0	03/22/1966
7	31.5	1954	18.4	03/12/1954
8	31.5	1897	18.0	03/04/1933
9	30.6	1970	18.0	03/31/1897
10	30.0	1988	15.0	03/20/1982

Snowfall

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	44.0	1927	20.0	04/19/2006
2	35.9	1955	19.1	04/04/1955
3	31.5	2006	16.3	04/05/1955
4	31.5	1970	16.0	04/14/1901
5	29.0	1893	16.0	04/07/1895
6	28.1	1919	15.0	04/27/1984
7	27.0	1984	15.0	04/12/1974
8	26.0	1958	15.0	04/03/1968
9	23.0	1950	12.5	04/03/1946
10	22.5	1966	12.0	04/28/1984

February

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	42.7	1954	3.9	1936
2	39.1	1930	8.3	1899
3	37.9	1931	15.2	1922
4	37.5	1935	16.4	1899
5	36.5	1992	16.6	1929
6	36.5	1921	17.7	1978
7	36.3	1976	17.8	1913
8	36.2	1977	18.0	1939
9	35.8	1961	18.2	1893
10	35.7	1983	18.5	2014

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	3.57	1924	1.65	02/02/1924
2	2.15	1893	1.30	02/03/1924
3	2.13	1904	1.12	02/24/1948
4	1.93	1902	1.05	02/13/1920
5	1.83	1953	0.93	02/17/1991
6	1.76	1948	0.88	02/02/2003
7	1.75	1986	0.85	02/28/1904
8	1.70	1906	0.84	02/15/1987
9	1.65	2003	0.84	02/09/1966
10	1.56	1998	0.75	02/19/1906

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	29.0	1953	13.0	02/03/1924
2	21.0	1991	10.0	02/18/1941
3	21.0	1955	8.5	02/09/1953
4	21.0	1924	8.0	02/27/1987
5	20.0	1971	8.0	02/09/1966
6	19.0	1929	8.0	02/18/1955
7	18.3	1978	8.0	02/28/1904
8	17.0	1987	7.5	02/19/1964
9	16.8	1979	7.0	02/23/1977
10	16.0	2008	7.0	02/17/1929

Snowfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	5.95	1986	3.55	04/19/1903
2	5.81	1941	3.19	04/23/1988
3	5.71	1932	2.36	04/21/1933
4	5.66	1984	2.15	04/30/1967
5	5.56	1903	2.14	04/17/19

May
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	64.7	1936	48.4
2	61.3	1897	48.5
3	60.8	1900	48.6
4	60.6	1977	49.4
5	60.4	1994	49.5
6	60.3	1939	49.5
7	60.2	1901	50.2
8	59.6	1941	50.2
9	59.4	2007	50.6
10	59.4	1928	50.6

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	14.11	1982	6.49	05/11/1922	0.15
2	13.07	1946	4.50	05/04/1905	0.55
3	10.14	1922	3.51	05/20/1982	0.62
4	10.80	2008	3.51	05/01/1946	0.78
5	10.01	1962	3.40	05/23/1933	0.80
6	8.29	1907	3.27	05/24/1907	0.89
7	7.83	1942	3.10	05/16/1982	0.90
8	7.77	1995	3.05	05/15/1982	0.92
9	7.53	2013	2.90	05/23/1971	0.96
10	6.40	1906	2.70	05/09/1995	0.97

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	31.0	1942	24.0	05/04/1905	0.0
2	24.0	2008	14.0	05/03/2008	0.0
3	24.0	1905	14.0	05/08/1927	0.0
4	16.0	1927	11.0	05/17/1942	0.0
5	10.5	1950	10.0	05/02/2008	0.0
6	10.0	1916	8.0	05/12/2005	0.0
7	8.0	2005	8.0	05/08/1978	0.0
8	8.0	1978	8.0	05/05/1942	0.0
9	6.0	1972	7.0	05/16/1942	0.0
10	5.9	1946	6.0	05/02/1972	0.0

July

Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	85.5	1936	62.5
2	79.5	2006	64.1
3	78.7	2007	64.3
4	77.7	2002	64.6
5	77.6	1931	64.6
6	77.5	2005	65.1
7	77.1	2012	65.2
8	76.5	1954	65.4
9	76.5	1930	66.5
10	76.1	1919	66.7

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	7.84	1923	3.45	07/29/1932	0.14
2	7.26	1937	2.62	07/08/1926	0.22
3	5.95	1932	2.59	07/13/1937	0.27
4	5.84	1905	2.41	07/22/1923	0.28
5	5.30	1922	2.25	07/14/1957	0.30
6	4.77	1957	2.18	07/23/1998	0.40
7	4.69	1958	2.10	07/19/1990	0.40
8	4.46	1962	2.00	07/03/2011	0.41
9	4.20	1981	1.95	07/18/1986	0.46
10	4.08	1978	1.80	07/27/1901	0.47

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

September

Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	67.5	1897	50.4
2	67.4	1931	54.0
3	66.8	2013	54.1
4	66.8	2009	55.4
5	66.8	1948	55.4
6	66.4	1936	55.7
7	66.0	1990	55.9
8	65.9	2005	56.3
9	65.8	1908	56.8
10	65.2	1940	56.9

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	6.18	1923	3.00	09/28/1923	0.00
2	5.84	1946	2.78	09/16/1913	0.00
3	5.58	1945	2.60	09/11/1903	0.07
4	5.04	1941	2.29	09/13/1966	0.11
5	4.91	2006	2.20	09/23/2006	0.12
6	4.62	1918	2.05	09/10/2003	0.13
7	4.52	1986	2.00	09/22/2006	0.17
8	4.50	1967	2.00	09/15/1999	0.20
9	4.04	1988	1.94	09/18/2002	0.20
10	3.88	1903	1.78	09/29/1927	0.21

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	11.0	1903	8.0	09/16/1965	0.0
2	8.0	1965	6.0	09/11/1903	MANY
3	4.0	1934	3.5	09/25/1934	
4	4.0	1927	3.0	09/12/1949	
5	3.0	1949	3.0	09/27/1941	
6	3.0	1941	2.3	09/11/2014	
7	3.0	1912	2.0	09/30/1944	
8	2.5	2014	2.0	09/26/1927	
9	2.0	1944	2.0	09/25/1927	
10	1.0	1973	2.0	09/24/1912	

June

Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	74.5	1931	54.9
2	72.8	1936	55.6
3	72.1	1933	56.9
4	70.5	1911	57.1
5	70.1	2012	58.2
6	69.6	1921	58.7
7	69.5	2006	58.8
8	69.4	2002	59.0
9	69.0	1900	59.0
10	68.8	1977	59.2

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	14.01	1976	6.46	06/15/1976	0.33
2	11.79	1964	5.03	06/09/1964	0.40
3	10.75	1947	4.00	06/05/2008	0.70
4	9.98	1941	3.65	06/12/1970	0.74
5	9.10	1904	3.46	06/11/1946	0.76
6	8.95	1984	3.38	06/21/1995	0.92
7	8.28	2008	3.38	06/10/1941	0.94
8	7.97	1963	3.09	06/21/1947	0.95
9	7.36	1946	2.97	06/22/1947	1.08
10	7.02	1944	2.86	06/22/1964	1.11

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	12.0	1951	7.7	06/01/1951	
2	TR	1954	4.3	06/02/1951	
3				TR	06/24/1954
4					
5					
6					
7					
8					
9					
10					

August

Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year

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November
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	47.2	2009	26.1
2	46.7	1904	28.1
3	44.4	1934	29.1
4	44.0	1923	29.5
5	44.0	1914	31.1
6	44.0	1899	31.2
7	43.7	1953	31.4
8	43.6	1954	31.4
9	43.0	2001	31.8
10	42.9	1913	31.8

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	7.10	1944	2.84	11/01/2000	0.00
2	4.50	1922	2.67	11/05/1948	0.00
3	4.10	1948	2.67	11/14/1944	TR
4	3.84	2000	2.48	11/05/1922	0.08
5	3.49	1919	2.41	11/13/1944	0.08
6	2.56	1970	1.45	11/06/2008	0.08
7	2.25	1911	1.31	11/07/1944	0.11
8	2.09	1959	1.18	11/01/1928	0.11
9	2.04	2008	1.15	11/27/1989	0.12
10	2.04	1983	1.12	11/26/1983	0.13

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	35.9	1919	18.0	11/08/1919	0.0
2	30.0	1922	16.0	11/05/1922	0.0
3	23.7	1970	13.0	11/06/2008	0.0
4	23.0	1978	12.0	11/05/1948	0.0
5	23.0	1911	10.0	11/01/1978	0.0
6	20.7	1948	10.0	11/25/1908	TR
7	20.2	1947	9.2	11/29/2010	TR
8	18.3	1971	9.0	11/27/1944	TR
9	18.0	1944	8.0	11/01/1973	TR
10	15.5	1924	8.0	11/19/1930	TR

Top 30 Precipitation Events

Rainfall		Snowfall	
AMOUNT	DATE	AMOUNT	DATE
1	6.49	05/11/1922	33.8
2	6.46	06/15/1976	28.0
3	5.03	06/09/1964	26.0
4	5.00	03/22/1984	25.0
5	4.50	05/04/1905	24.0
6	4.00	06/05/2000	24.0
7	3.80	03/27/1950	24.0
8	3.65	06/12/1970	20.0
9	3.65	08/03/1922	20.0
10	3.55	04/19/1903	20.0
11	3.51	05/20/1982	20.0
12	3.51	05/01/1946	19.1
13	3.46	06/11/1946	18.4
14	3.45	07/29/1932	18.0
15	3.40	05/23/1933	18.0
16	3.38	06/21/1995	18.0
17	3.38	06/10/1941	18.0
18	3.29	03/14/1973	16.3
19	3.27	05/24/1907	16.0
20	3.19	04/23/1908	16.0
21	3.15	05/30/1945	16.0
22	3.10	05/16/1982	16.0
23	3.09	06/21/1947	15.0
24	3.05	05/15/1982	15.0
25	3.00	09/28/1923	15.0
26	2.97	06/22/1947	15.0
27	2.90	05/23/1971	15.0
28	2.86	06/22/1964	14.0
29	2.84	11/01/2000	14.0
30	2.80	06/08/1964	14.0

December
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	39.5	1896	8.8
2	36.9	1939	13.1
3	35.5	1930	16.4
4	34.9	1931	17.3
5	33.7	1940	18.4
6	33.5	1952	19.2
7	33.4	2003	19.6
8	33.4	1994	20.0
9	33.3	1953	20.1
10	33.2	1988	20.4

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	2.89	1951	2.00	12/16/1921	TR
2	2.39	1949	1.45	12/05/1983	TR
3	2.38	1921	1.45	12/11/1949	0.01
4	1.88	1980	1.25	12/02/1902	0.03
5	1.87	1902	1.12	12/07/1951	0.03
6	1.70	1944	1.00	12/06/1951	0.05
7	1.65	1960	1.00	12/12/1911	0.06
8	1.63	1983	0.83	12/25/2009	0.07
9	1.61	2009	0.80	12/04/2002	0.09
10	1.52	1968	0.80	12/05/1906	0.10

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	34.5	2009	18.0	12/25/2009	0.0
2	24.3	1955	16.0	12/16/1921	0.0
3	21.0	1968	15.0	12/02/1902	TR
4	20.3	1996	12.0	12/05/1983	TR
5	20.0	1921	12.0	12/14/1935	TR
6	20.0	1902	10.0	12/21/1911	1.0
7	19.0	2011	8.7	12/28/1955	1.0
8	18.3	1960	8.0	12/31/1924	1.0
9	18.2	1972	8.0	12/21/1918	1.5
10	18.1	1951	8.0	12/19/1916	1.7

Yearly Rainfall

Wettest		Driest	
AMOUNT	YEAR	AMOUNT	YEAR
1	42.39	1946	11.55
2	37.03	1922	11.89
3	35.94	1982	12.11
4	34.57	2008	12.58
5	32.95	2013	13.38
6	31.92	1923	13.96
7	31.16	1941	14.10
8	31.06	1970	14.39
9	30.76	1995	14.43
10	30.05	1944	14.54

Snowfall

Most Snow		Least Snow	
AMOUNT	YEAR	AMOUNT	YEAR
1	142.4	1919-20	17.2
2	124.0	2008-09	17.2
3	118.0	1972-73	18.0
4	113.7	1970-71	20.5
5	111.2	1944-45	28.1
6	110.6	2013-14	32.3
7	109.0	1969-70	34.3
8	106.8	1976-77	35.3
9	103.0	1943-44	42.2
10	97.3	1965-66	43.5